

FIG.1

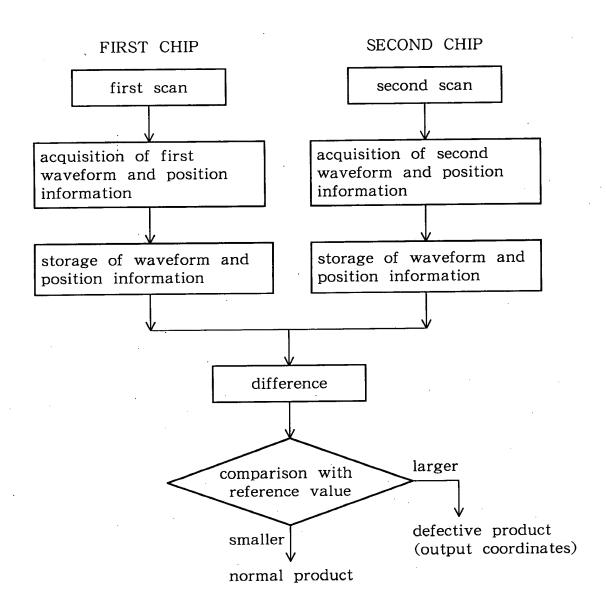


FIG.2

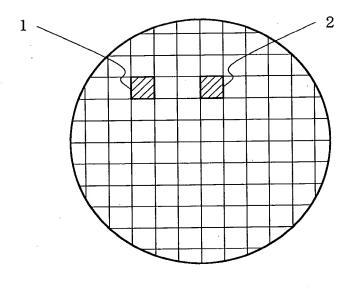
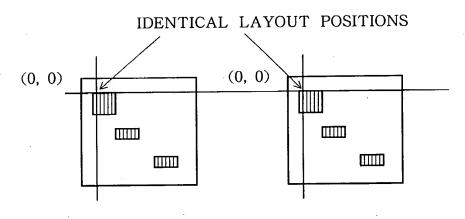


FIG.3



FIRST TEST SAMPLE

SECOND TEST SAMPLE

FIG.4

FIG.5a

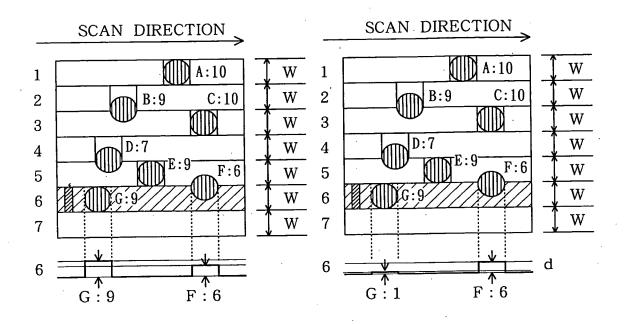
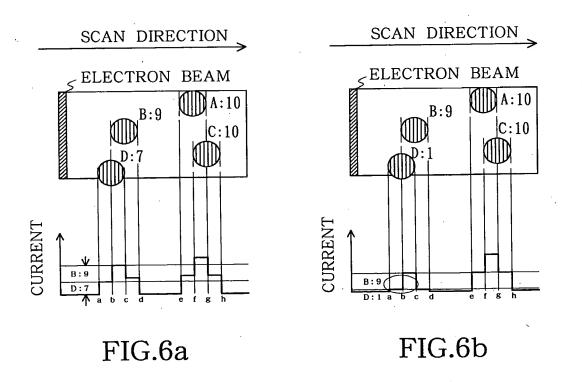


FIG.5b



SCAN DIRECTION 51 ELECTRON BEAM B:10 C:10 D:7 B:10

FIG.7a

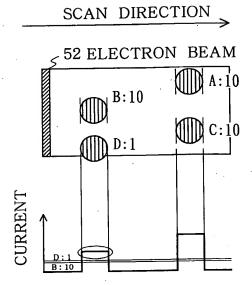


FIG.7b

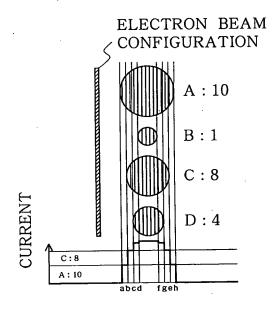


FIG.8a

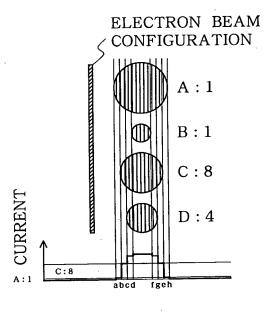
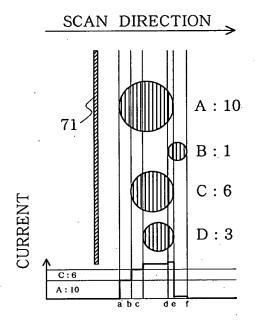


FIG.8b



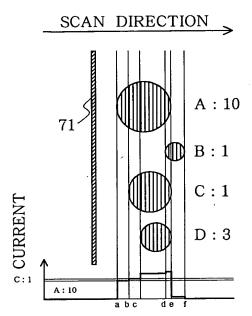
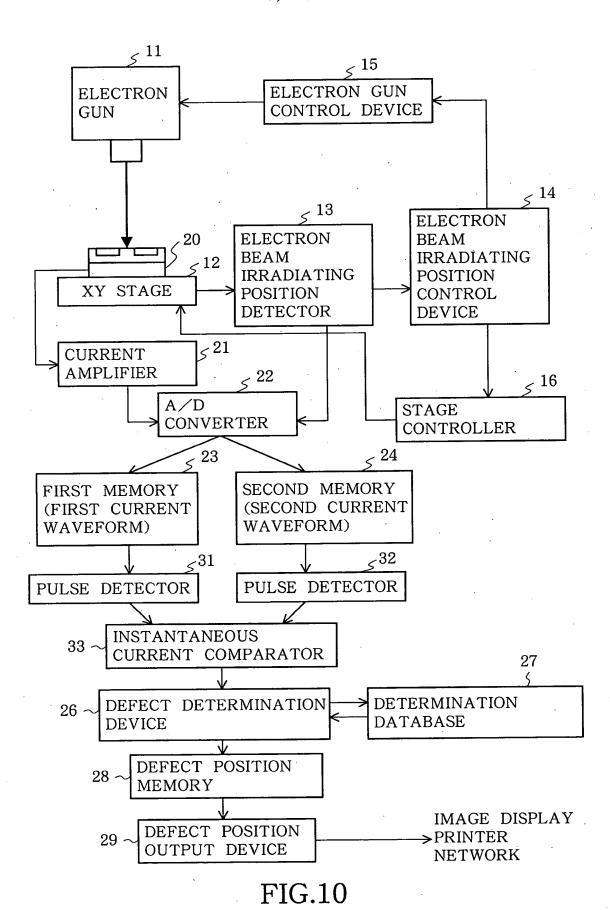


FIG.9a

FIG.9b



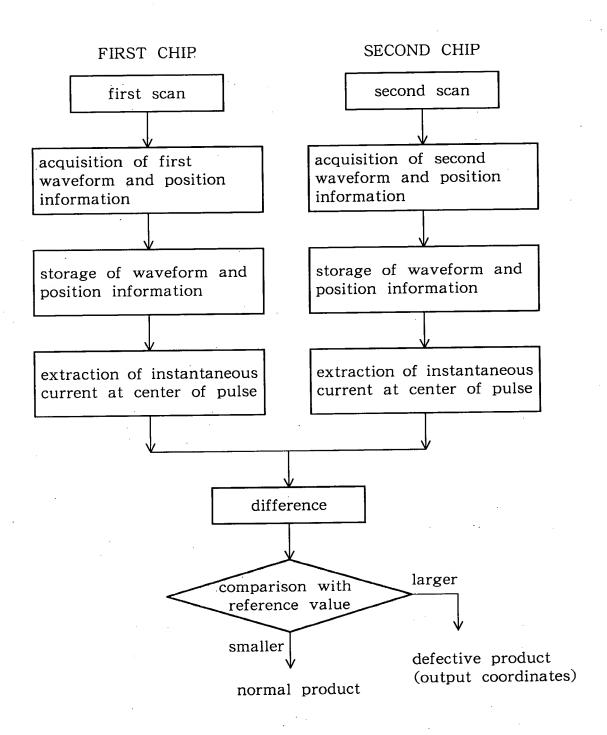
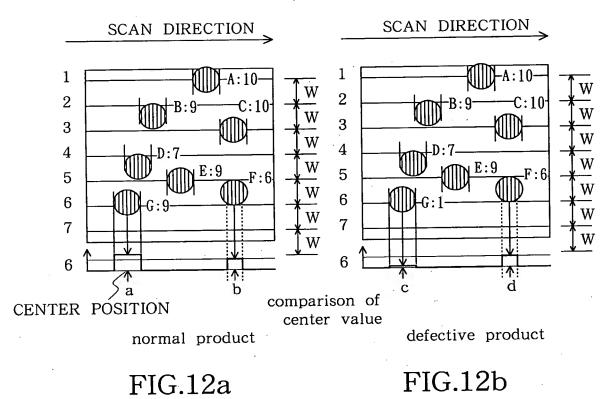


FIG.11



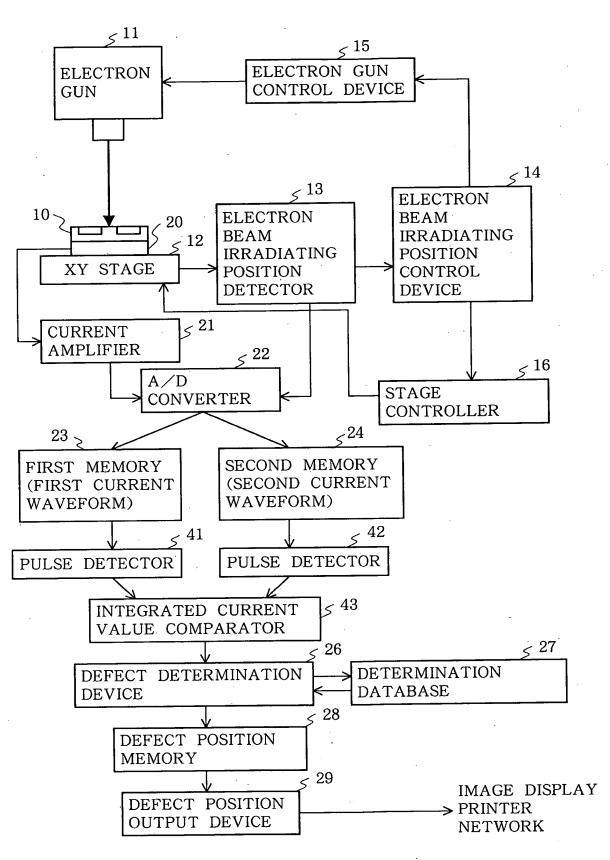


FIG.13

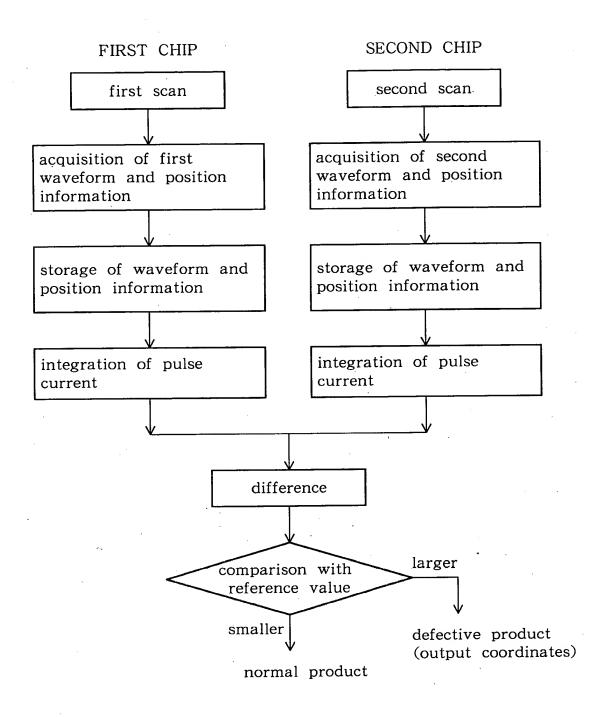
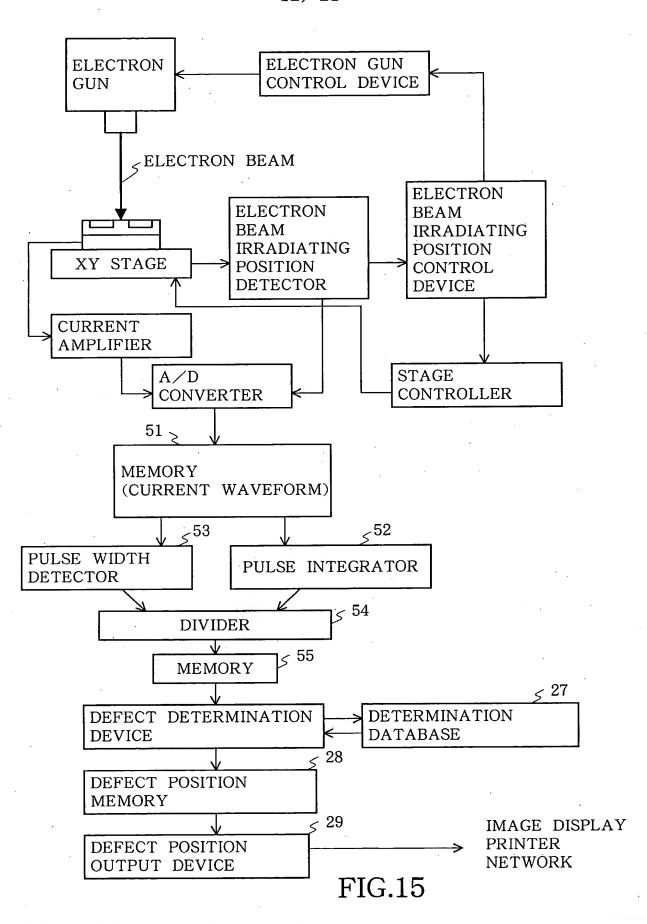


FIG.14



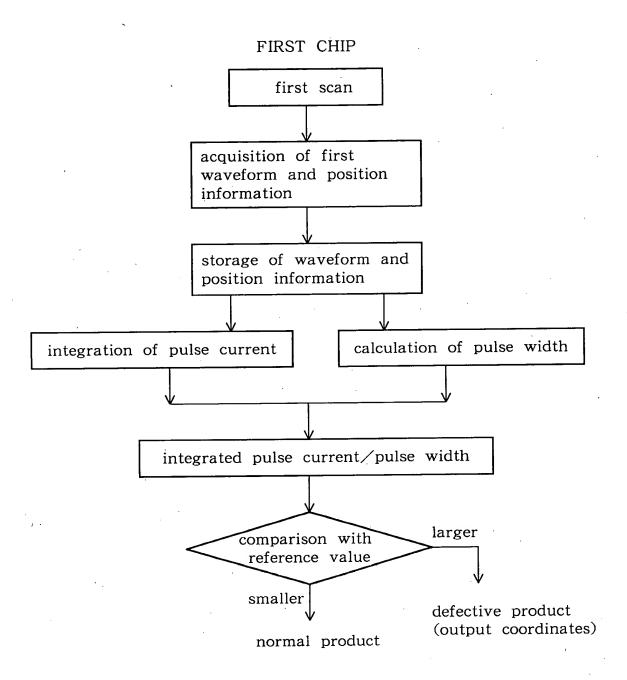


FIG.16



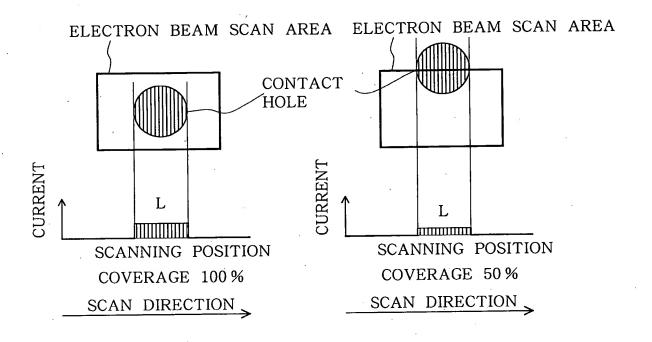


FIG.17a

FIG.17b

ELECTRON GUN

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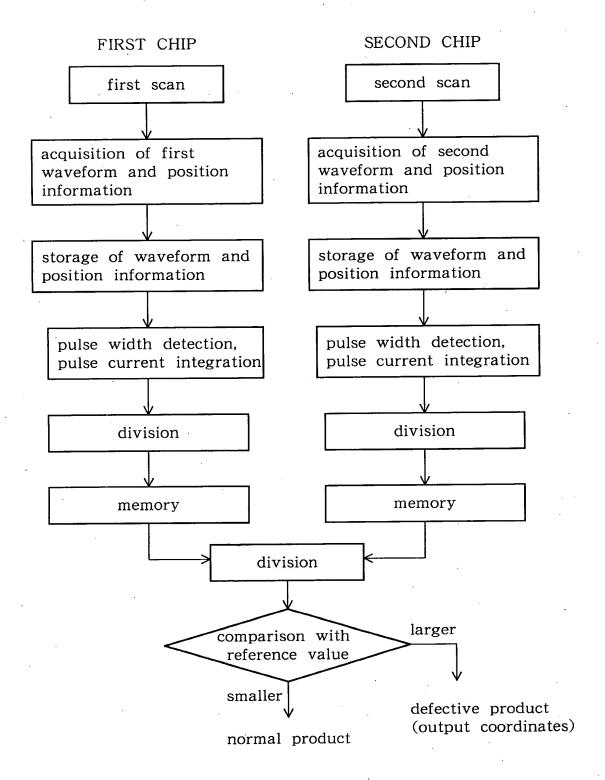
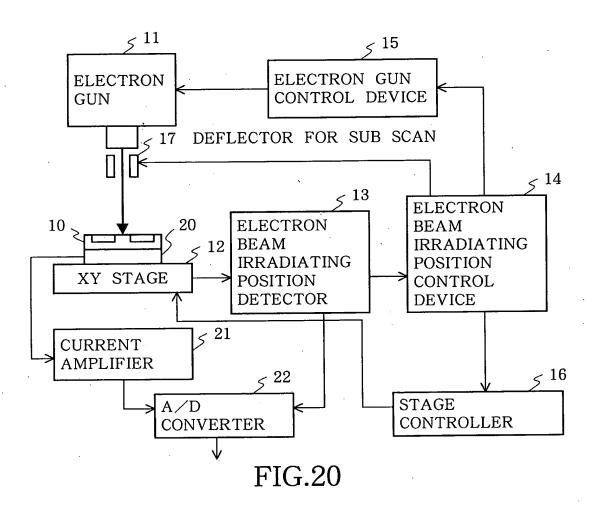


FIG.19



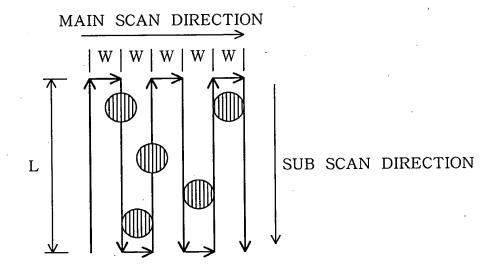


FIG.21

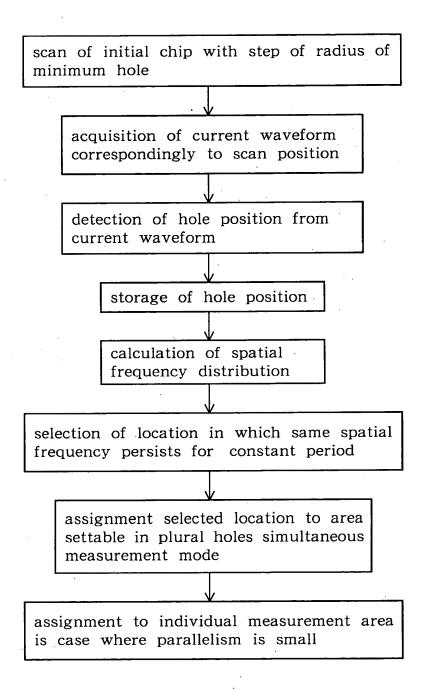


FIG.22

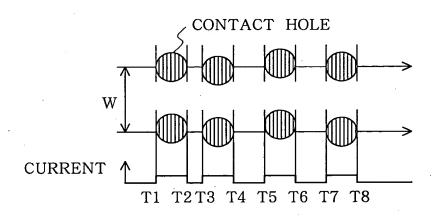


FIG.23

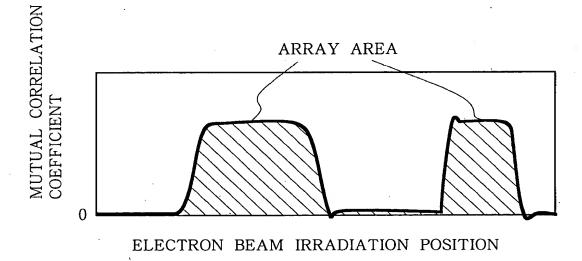


FIG.24

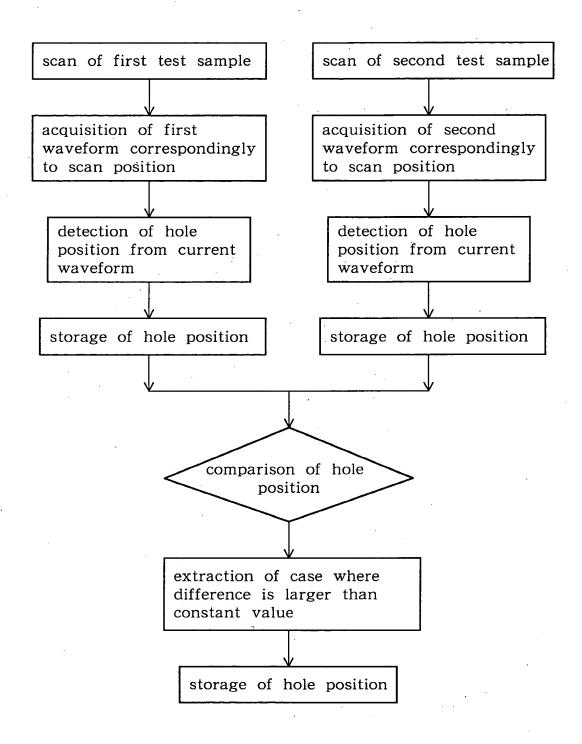


FIG.25



